AGENDA ITEM FOR THE CONSENT FOR OPERATION COMMITTEE
MEETING TO BE HELD ON 16.09.2019
AT A.P. POLLUTION CONTROL BOARD, ZONAL OFFICE, KURNOOL.

CFO Agenda Item No. 14

D.Krishna Reddy, 4.205 Ha Dolomite, White shale, Serpentine & Calcite Mine of Sy.No.281/3 & 282(P) of Valasala(V), Dhone(M), Kurnool District.

I. D.Krishna Reddy, 4.205 Ha Dolomite, White shale, Serpentine & Calcite Mine of Sy.No.281/3 & 282(P) of Valasala(V), Dhone(M), Kurnool District has obtained CFE of the Board on 29.10.2010. Now the industry has applied for CFO of the Board.

II. The details of the mine as reported by the RO, Anantapur through inspection report dated 04.09.2019 are as follows:

1. Applied through OCMMS
   Date of commissioning 2010.
   Date of Receipt of the CFO application at RO 21.08.2019
   Date of Receipt of the additional information at RO -
   Date of RO Inspection 27.08.2019
   Consent status Obtained CFE and applied for CFO for first time
   Date of Receipt of consent verification report at ZO 05.09.2019
   Total Project Cost Rs.10.0 Lakhs.
   Category of the industry Red - Haz

   Fee Details
   The mining unit has to pay an amount of Rs.11,200/- towards Consent fee under Red Non-Hazardous category for a period of 14 years (including default period) i.e., from 10/2010 to 09/2024.
   The mining unit while filing the CFO application through online has paid Consent fee of Rs.10,000/- vide Receipt. No.912643059 dt: 21.08.2019 and Rs.1,200/- vide DD No. 740108 Dated 04.09.2019.
   The mining unit has paid consent fee for the period upto 09/2024.

2. Details of Raw Materials:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Raw Materials</th>
<th>As per CFE Order dt:29.10.2019</th>
<th>Applied (as per the application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dolomite</td>
<td>266 TPD</td>
<td>266 TPD</td>
</tr>
<tr>
<td>2.</td>
<td>White Shale</td>
<td>40 TPD</td>
<td>40 TPD</td>
</tr>
<tr>
<td>3.</td>
<td>Serpentine</td>
<td>40 TPD</td>
<td>40 TPD</td>
</tr>
<tr>
<td>4.</td>
<td>Calcite</td>
<td>1 TPD</td>
<td>1 TPD</td>
</tr>
</tbody>
</table>

(Mine lease area of 4.205 Ha)

3. Details of Products:

4. Details of Water Consumption: Borewell

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Quantity in KLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust suppression &amp; green belt</td>
<td>1.5 KLD</td>
</tr>
<tr>
<td>Domestic</td>
<td>0.5 KLD</td>
</tr>
<tr>
<td>Total * (fresh + recycled)</td>
<td>2.0 KLD</td>
</tr>
</tbody>
</table>

5. Waste Water Details:

<table>
<thead>
<tr>
<th>Source</th>
<th>Quantity in KLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>0.5 KLD</td>
</tr>
<tr>
<td>Total</td>
<td>0.5 KLD</td>
</tr>
</tbody>
</table>

6. Treatment facilities:

<table>
<thead>
<tr>
<th>Source</th>
<th>Treatment facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Effluents</td>
<td>Septic tank followed by soak pit</td>
</tr>
<tr>
<td></td>
<td>The industry has not provided septic tank followed by soak pit for disposal of domestic effluents.</td>
</tr>
</tbody>
</table>

7. Details of Air Pollution: --.

8. Emission from chimney as per CFE order dt. 04.12.2018
The industry has applied Consent for Operation of the Board through APOCMMS to carryout Open cast mining of Dolomite, White Shale, Serpentine and Calcite in the Mine lease area of 4.205 Ha for the Sy.No. 281/3 & 282(P) of Valasala(V), Dhone (M), Kurnool District.

As per EIA Notification 2006 and office Memorandum dt 18.05.2012, “decided that all mining projects of minor minerals including their renewal, irrespective of the size of the lease would henceforth require prior environmental clearance. Mining projects lease area up to less than 50 Ha including the projects of miner minerals with lease area less than 5 Ha would be treated as Category – B as defined in the EIA notification, 2006 and will be considered by the respective SEIAA’s notified by MoEF and the following the procedure prescribed under EIA notification 2006.

6. The Hon'ble Supreme Court of India in the case of Deepak Kumar Vs State of Haryana and Ors in its judgment dt.27.02.2012 in I.A.No.12-13 of 2011 in SLP No.19628 -19629 directing Inter-alia as follows. “Leases of minor minerals including their renewals for an area of less than 5 Ha be granted by the State s / UTs only after getting Environmental Clearance from the MoE&F.”

7. Further, the MoE&F, GoI, New Delhi have clarified regarding applicability of EIA Notification, 2006 on mining leases of 5 hectare (major minerals) and mining leases of minor minerals which have been operating before 14.09.2006, in the Circular No.J-No.J-15012/35/2007-IA.II(M)-Part, dated 2nd July, 2007 that

“It is clarified that all such mining projects which did not require environmental clearance under the EIA Notification, 1994 would continue to operate without obtaining environmental clearance till the mining lease falls due for renewal. If there is no increase in lease area and / or there is no enhancement of production. In the event of any increase in lease area and or production, such projects would need to obtain prior environmental clearance. Further all such projects which have been operating without any environmental clearance would obtain environmental clearance at the time of their lease renewal even if there is no increase either in terms of lease area or production”

8. The clarification issued in the MoEF’s Circular dated 2nd July 2007, is applicable to those said mine leases of major and minor minerals with an extent of area less than 5.0 Ha, which were granted and existing prior to 18th May 2012 i.e., issue of MoEF Office Memorandum, for continuing the mining operation.

9. The SEIAA, APGOI, MoEF & CC, Vijayawada vide letter dated 01.11.2018 informed that the clarification given in the MoEF circular dated 2nd July 2007, is applicable to those said mine leases of major and minor minerals with an extent of area less than 5.0 Ha, which were granted and existing prior to 18th May 2012 i.e., issue of MoEF Office Memorandum, for continuing the mining operation. As per the above said letter, the mining unit is exempted from environmental clearance.

10. The mining activity will be carried out by open-cast manual method with drilling and blasting activity and with an average total production of 20,000 TPA, the minerals will be excavated from 3-5 benches consisting of one O.B. bench to a height of 0.5 m and other benches of mineral with 3m height and width. One jackhammer and one Tractor mounted compressor will be utilised for drilling purposes.
11. During inspection, it was observed that the unit is yet to commission its operations and the unit representative has informed that, they will start mining operations after obtaining CFO from the Board.

12. The industry utilizes water for water sprinkling on haul Roads to prevent fugitive dust emissions, greenbelt development and for domestic purpose. The industry generates domestic waste water of 0.5 KLD and the unit has not provided septic tank followed by soak pit for disposal of domestic waste water.

13. The industry has deployed tractor mounted tanker for sprinkling water along the haulage roads.

14. The industry has not constructed the retention wall for the mineral waste dump and also not provided garland drain and siltation pond for the dump for the diversion of the storm water.

15. The unit has submitted undertaking letter on 26.08.2019 stating that, they will i) construct retention wall for mineral waste dump ii) garland drain and siltation pond for the working pit to arrest the flow of silt and sediments within a month.

16. The mining unit will generates mineral waste of 2.5 TPD and is being dumped towards southern side 7.5 mts barrier along with the mine lease area. The waste will be stabilized by constructing a retaining wall to prevent erosion and plantation will be carried out on the dumps.

11. **Regional Office Remarks:**
   In view of the above the application of the mining unit for CFO of the Board may be considered duly stipulating necessary conditions.

12. **Zonal Office Remarks:**
   RO reported that,
   - The industry has not constructed the retention wall for the mineral waste dump and also not provided garland drain and siltation pond for the dump for the diversion of the storm water.
   - The unit has submitted undertaking letter on 26.08.2019 stating that, they will i) construct retention wall for mineral waste dump ii) garland drain and siltation pond for the working pit to arrest the flow of silt and sediments within a month.

The attached inspection report forwarded by the EE, RO, Anantapur may be reviewed. The issue is placed before the CFO Committee for review and recommendations.